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 Title: **JP11260372A2: MANUFACTURE OF NONAQUEOUS SECONDARY B**

 Country: **JP Japan**

 Kind: **A**

 Inventor: **FURUKAWA SANEHIRO;
FUJIMOTO MASAHIRO;
YOSHINAGA NORIYUKI;
UENO KOJI;**

 Assignee: **SANYO ELECTRIC CO LTD**
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 Published / Filed: **1999-09-24 / 1999-01-14**

 Application Number: **JP1999000008215**

 IPC Code: **H01M 4/66; H01M 2/02; H01M 4/02; H01M 10/40;**

 Priority Number: **1999-01-14 JP1999019998215**

Abstract:

... PROBLEM TO BE SOLVED: To improve the cycle characteristic and load characteristic, while preventing the elution of a collector by constructing a positive electrode collector and/or a positive electrode armor of aluminum with aluminum oxide coating on the surface and having lithium intercalate into a negative electrode material by injecting an electrolyte.

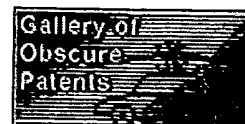
... SOLUTION: A positive electrode collector is constructed of an aluminum foil with the surface covered with aluminum oxide. By mixing petroleum coke with N-methylpyrrolidone solution, in which polyvinylidene fluoride is dissolved, a mixed solution is prepared. Next, by applying this mix solution to a negative electrode collector made of copper foil and then bringing the negative collector into contact with lithium foil, a negative electrode 2 is formed. Lithium on the negative electrode 2 is intercalated into the petroleum coke serving as a negative electrode material after injecting the electrolyte. Then, a separator 3 is arranged between the positive electrode 1 and the negative electrode 2, and these are wound up into a spiral shape and form a group 4 of electrodes.

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 Family: **None**

 Other Abstract Info: **DERABS C1999-596408 DERABS C1999-596408**


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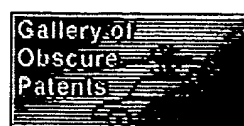
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(19)

(11) Publication number:

11

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PATENT ABSTRACTS OF JAPAN(21) Application number: **11008215**(51) Intl. Cl.: **H01M 4/66 H01M 2/02 H01M 10/40**(22) Application date: **14.01.99**

(30) Priority:	(71) Applicant: SANYO ELECTRIC CO
(43) Date of application publication: 24.09.99	(72) Inventor: FURUKAWA SANEHIRO FUJIMOTO MASAHIRO YOSHINAGA NORIYUK UENO KOJI
(84) Designated contracting states:	(74) Representative:

**(54) MANUFACTURE OF
NONAQUEOUS
SECONDARY BATTERY**

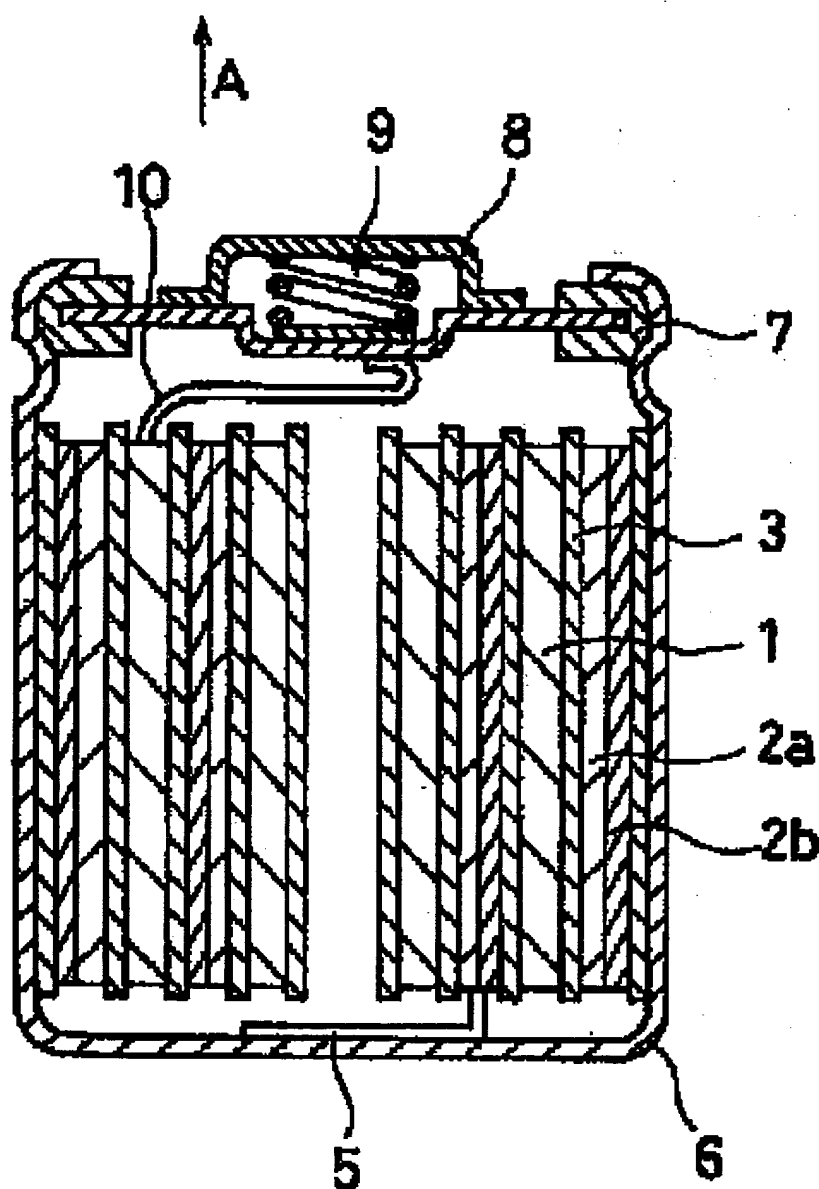
(57) Abstract:

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